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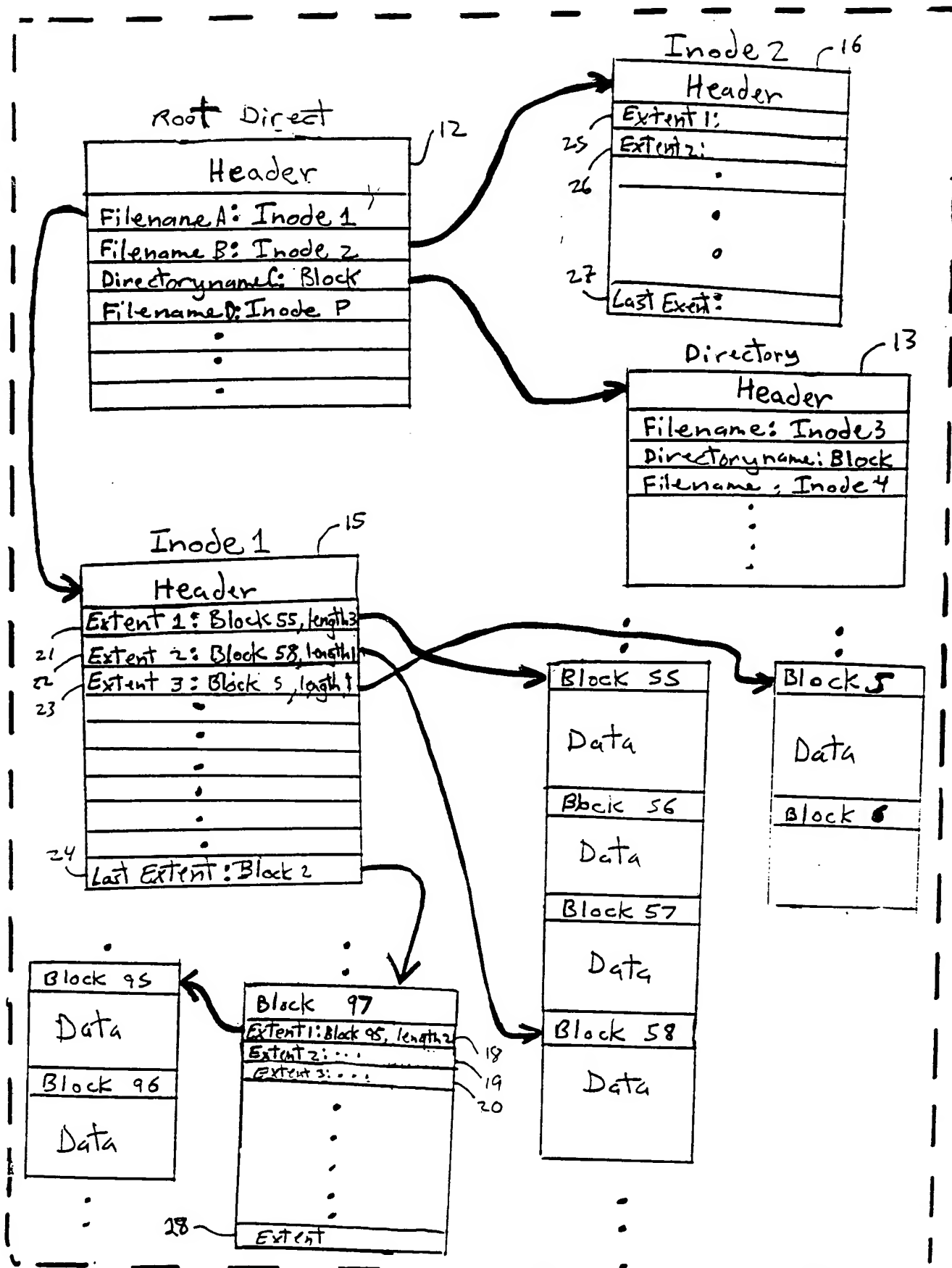
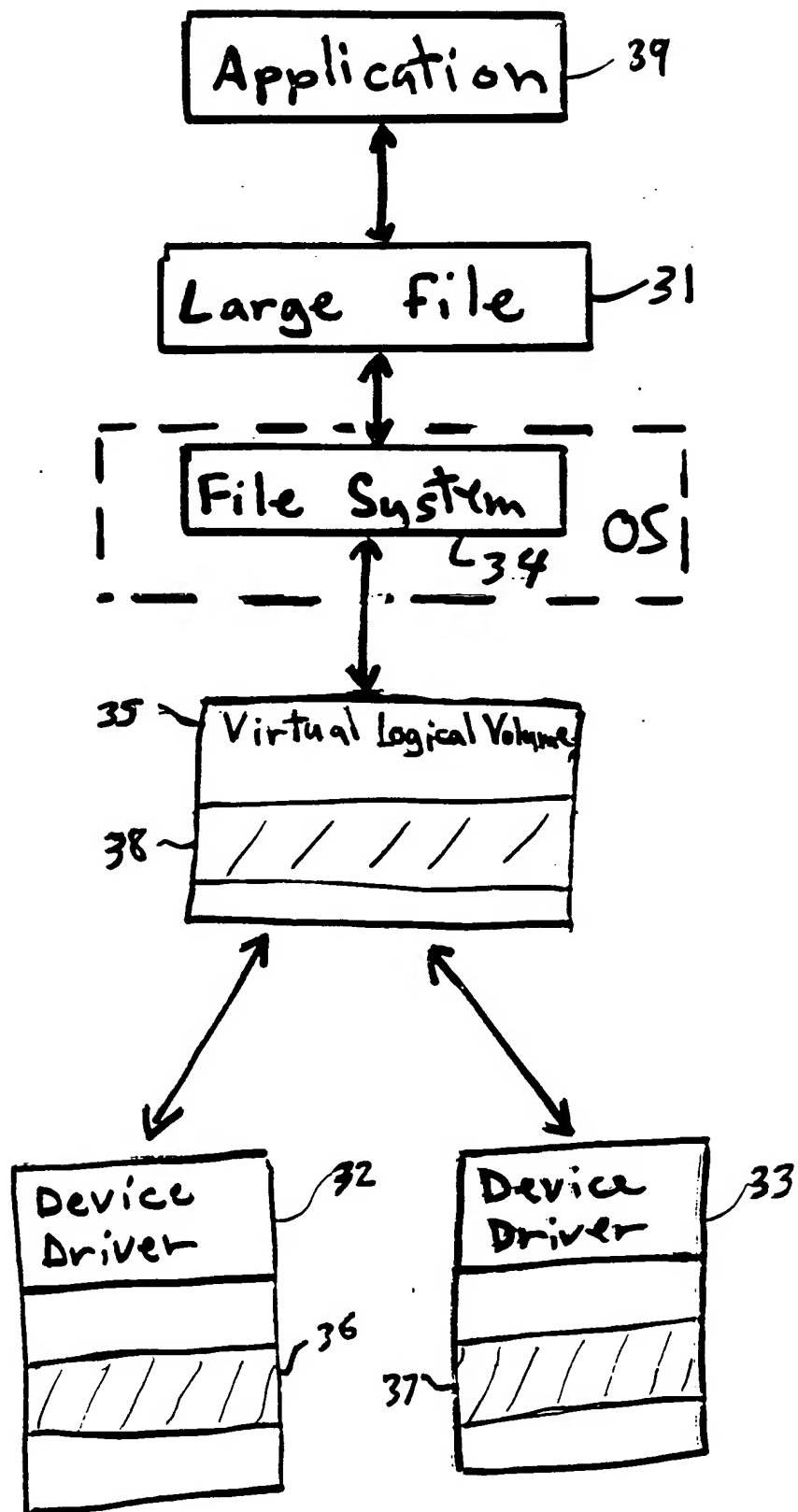


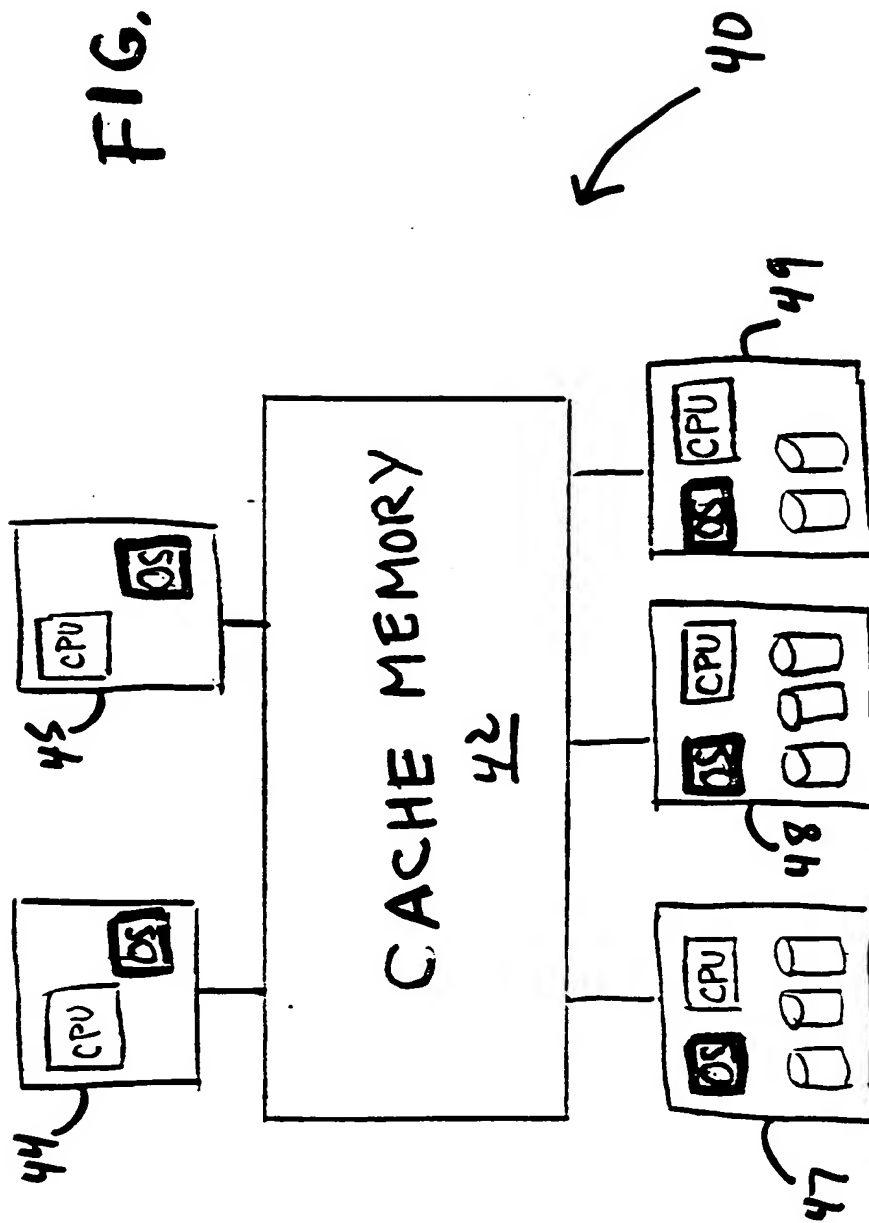
FIG. 1 (Prior art)



30

FIG. 2  
(prior art)

FIG. 3



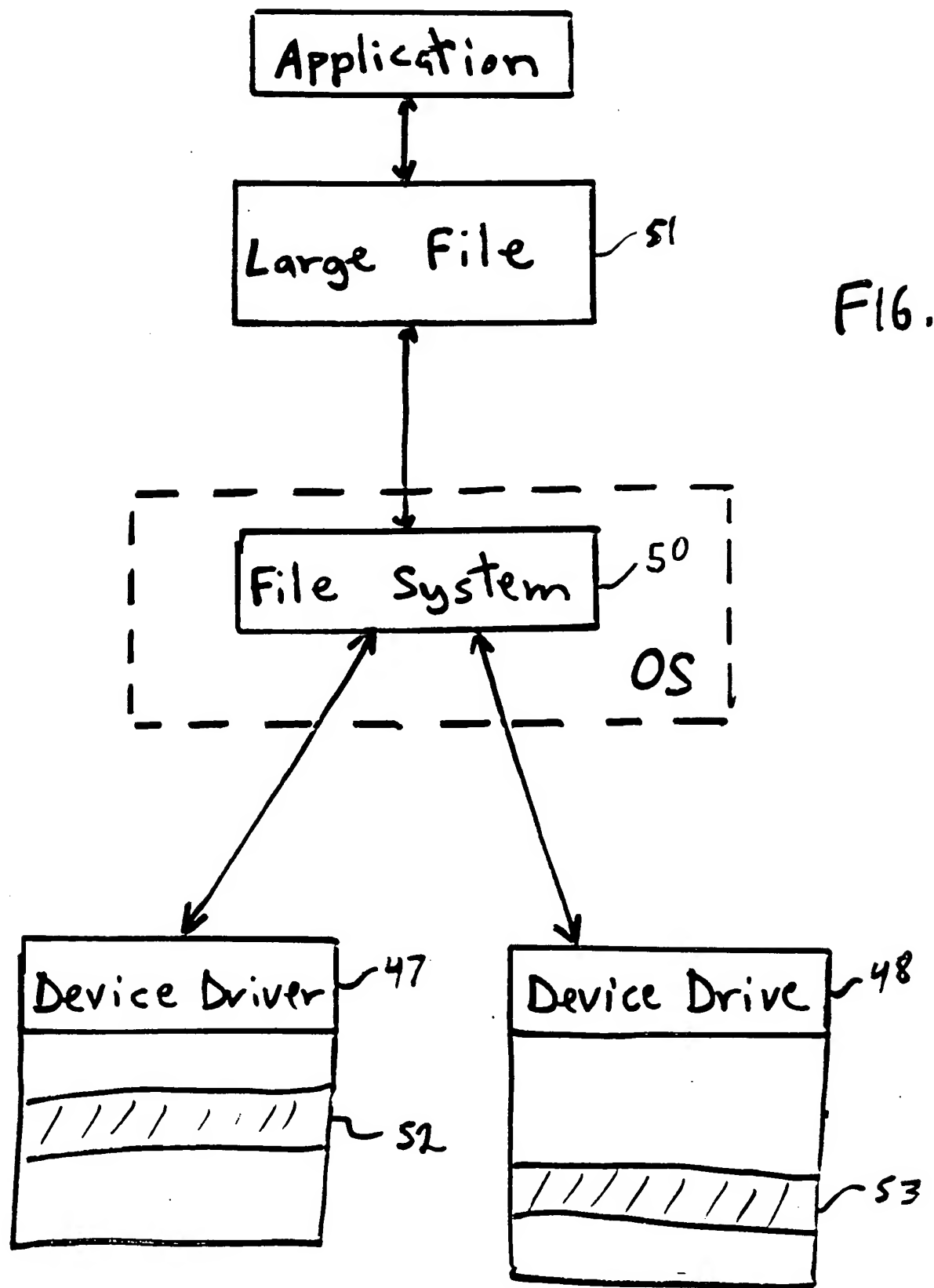


FIG. 4

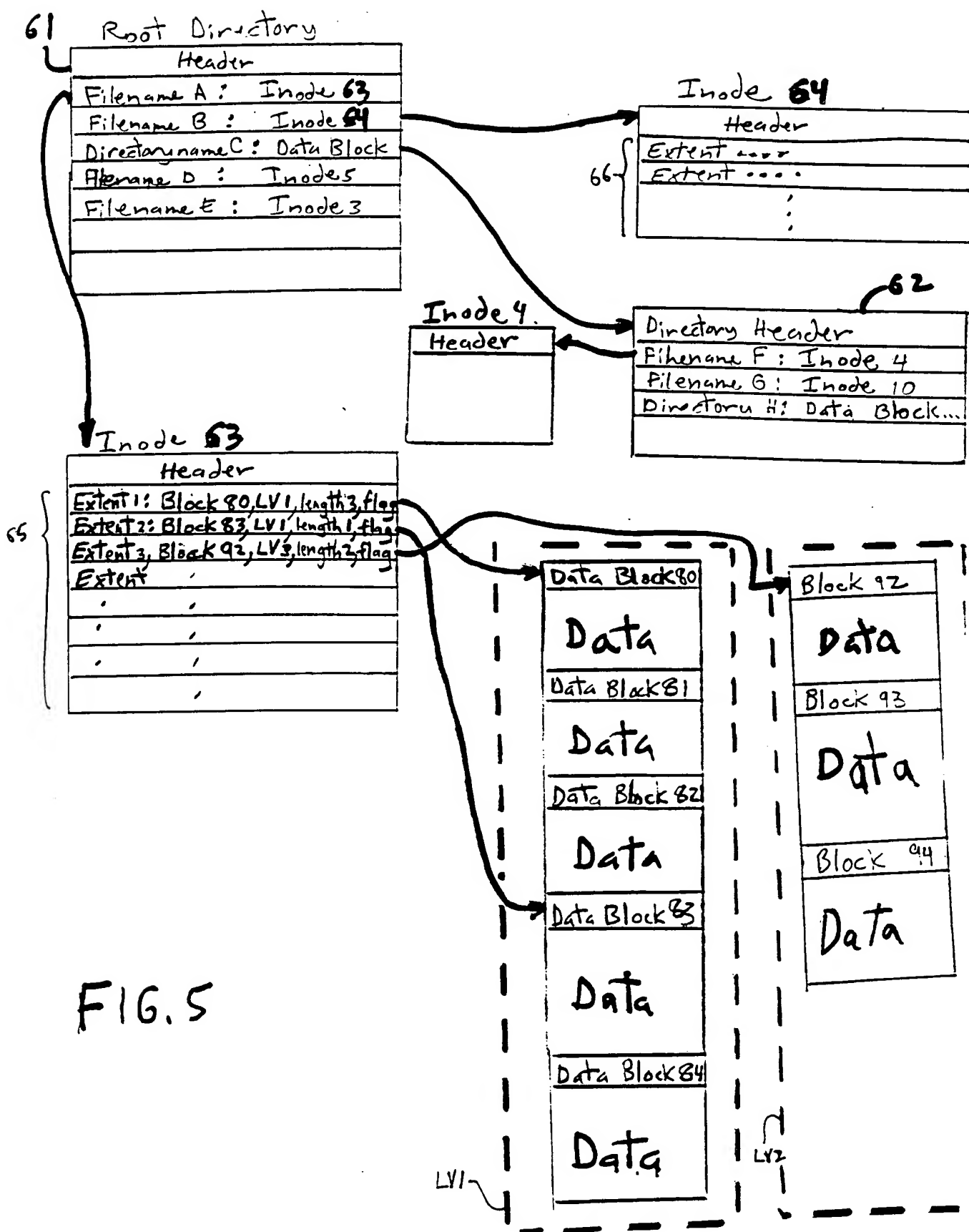


FIG. 5

**FIG. 5A**

$$\text{Extent} = \underbrace{\{\text{start address pointer}, \underbrace{\text{length}, \underbrace{\text{flags}\}_{2 \text{ bytes}}}_{4 \text{ bytes}}\}}_{6 \text{ bytes}}$$

FIG. 6B

FIG. 6B

Start address = { Block pointer, Logical Volume pointer }

4 bytes                      2 bytes

$$= \{ \text{Number of data blocks} \}$$
$$\text{flags} = \{ \text{locked; zeroed; } \underbrace{\text{hole, direct, or indirect}}_{\text{selection}} \}$$

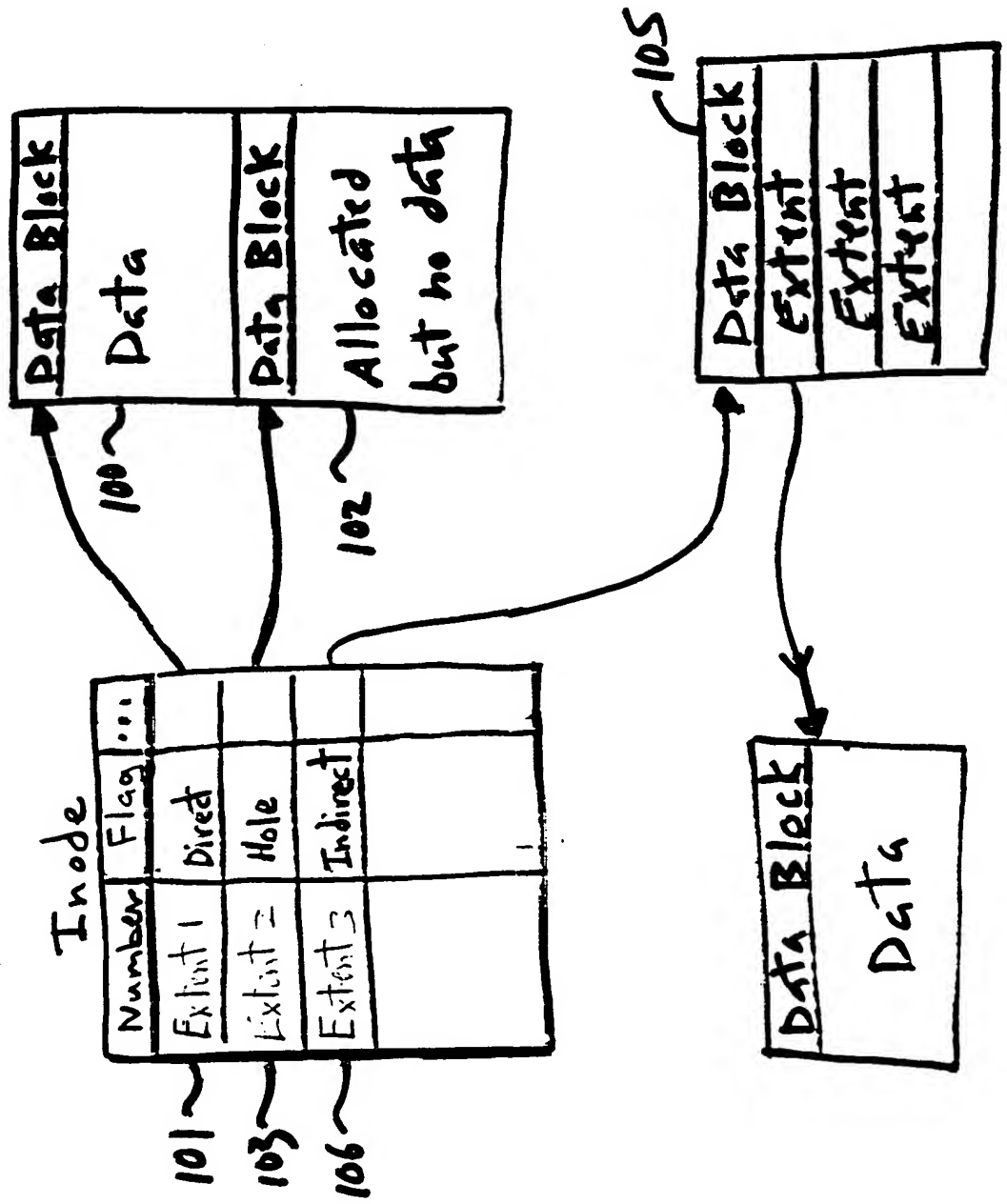


FIG. 7



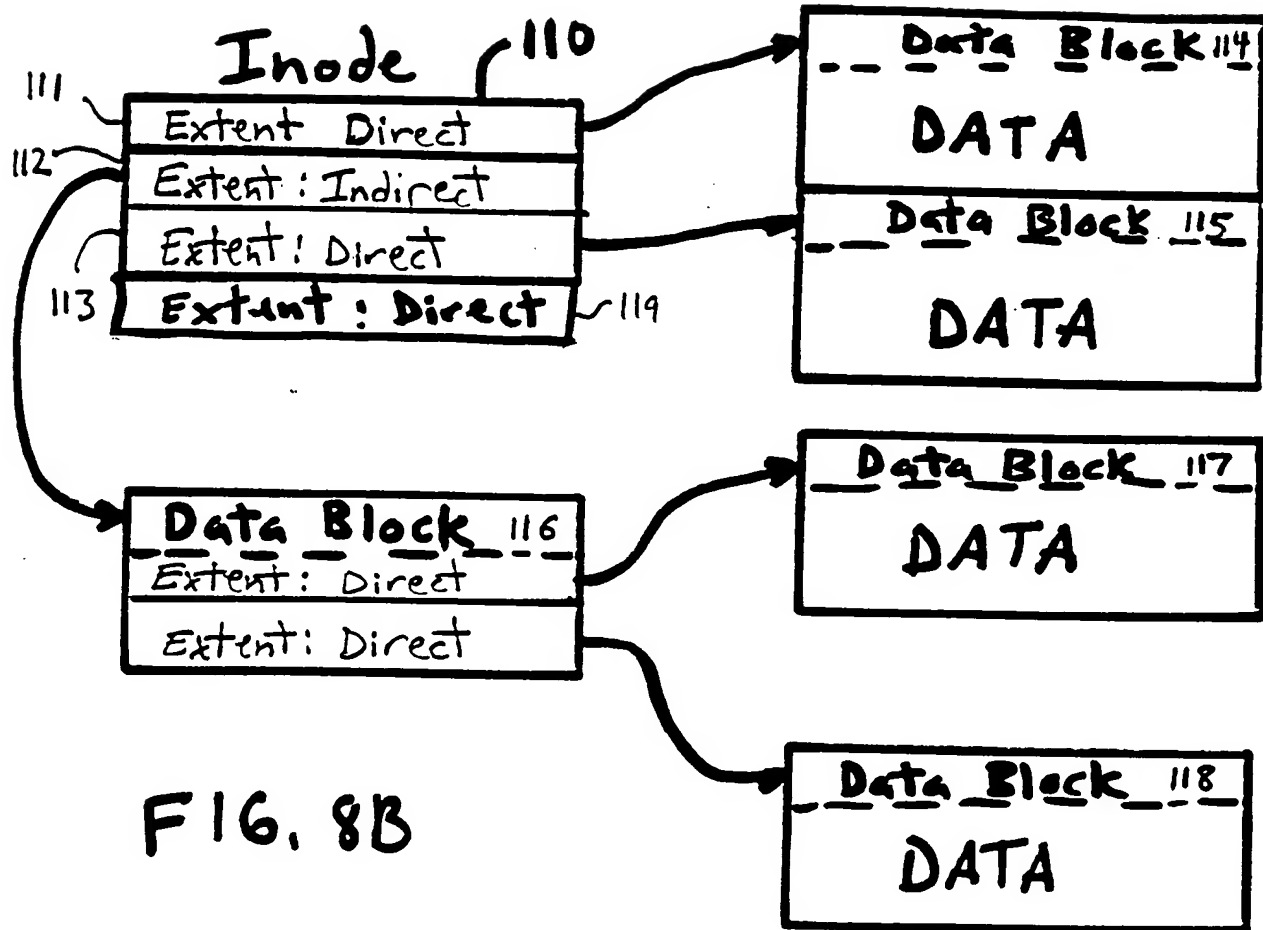


FIG. 8B

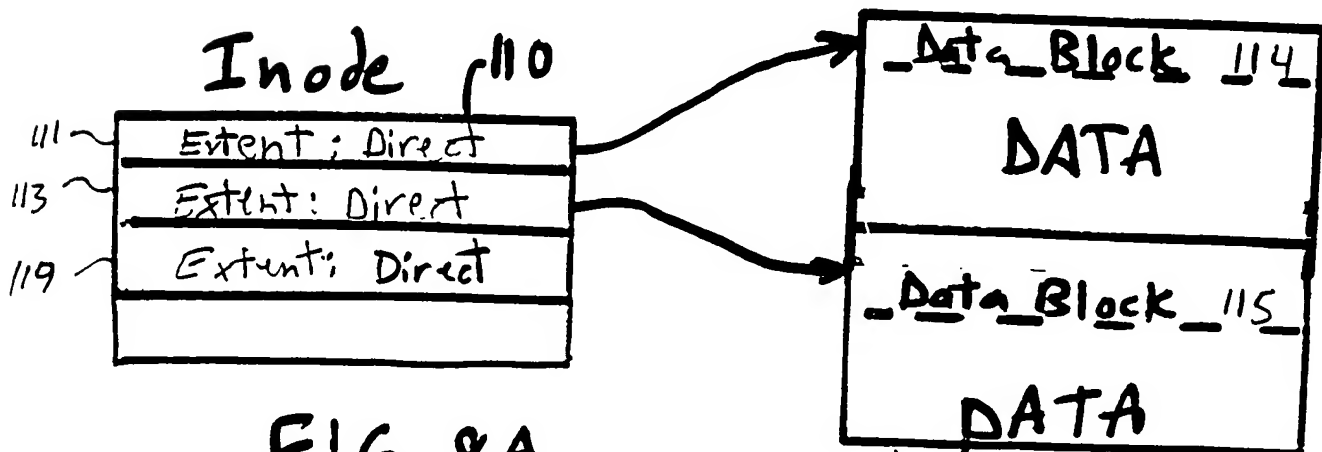


FIG. 8A

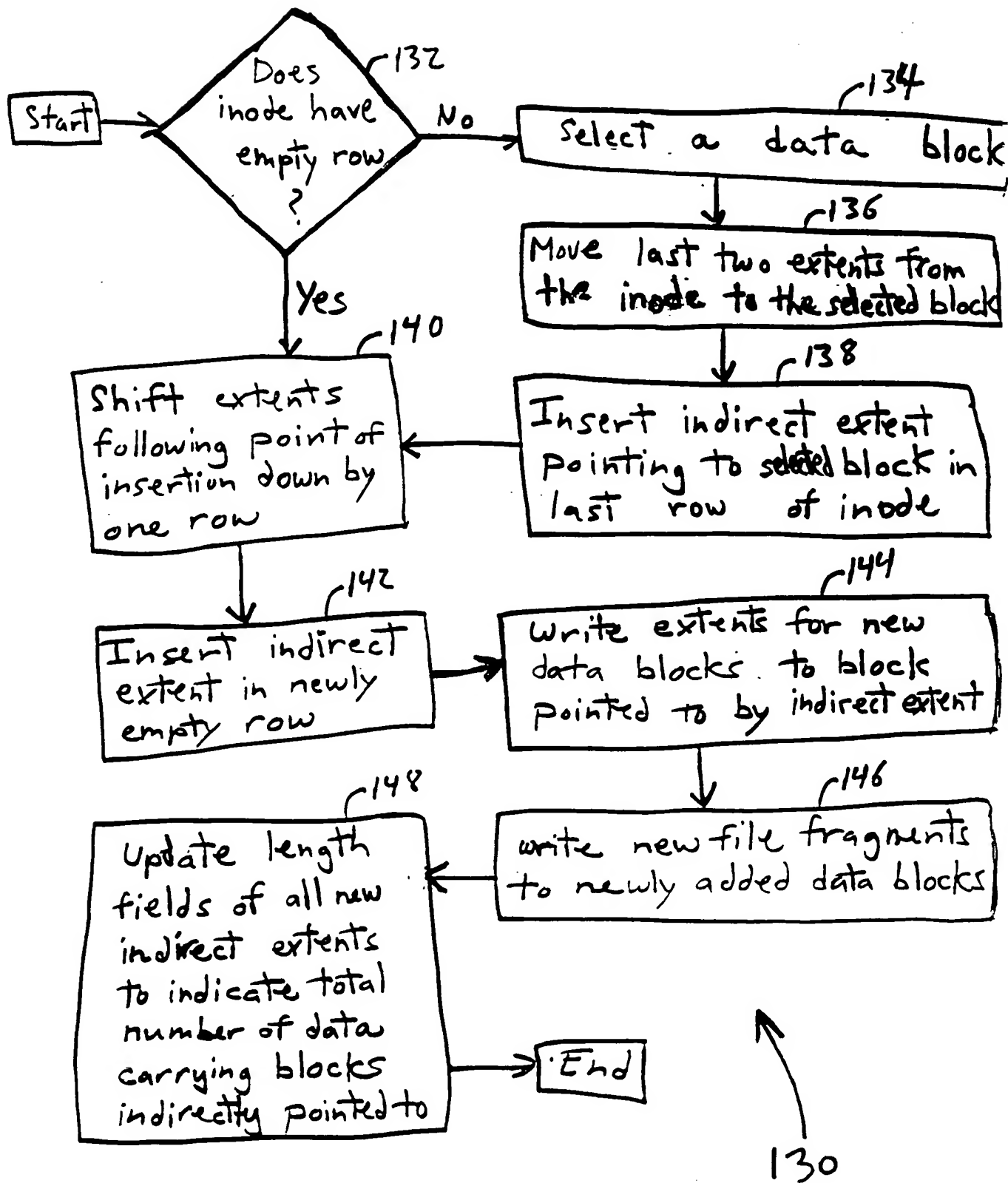


FIG. 8c

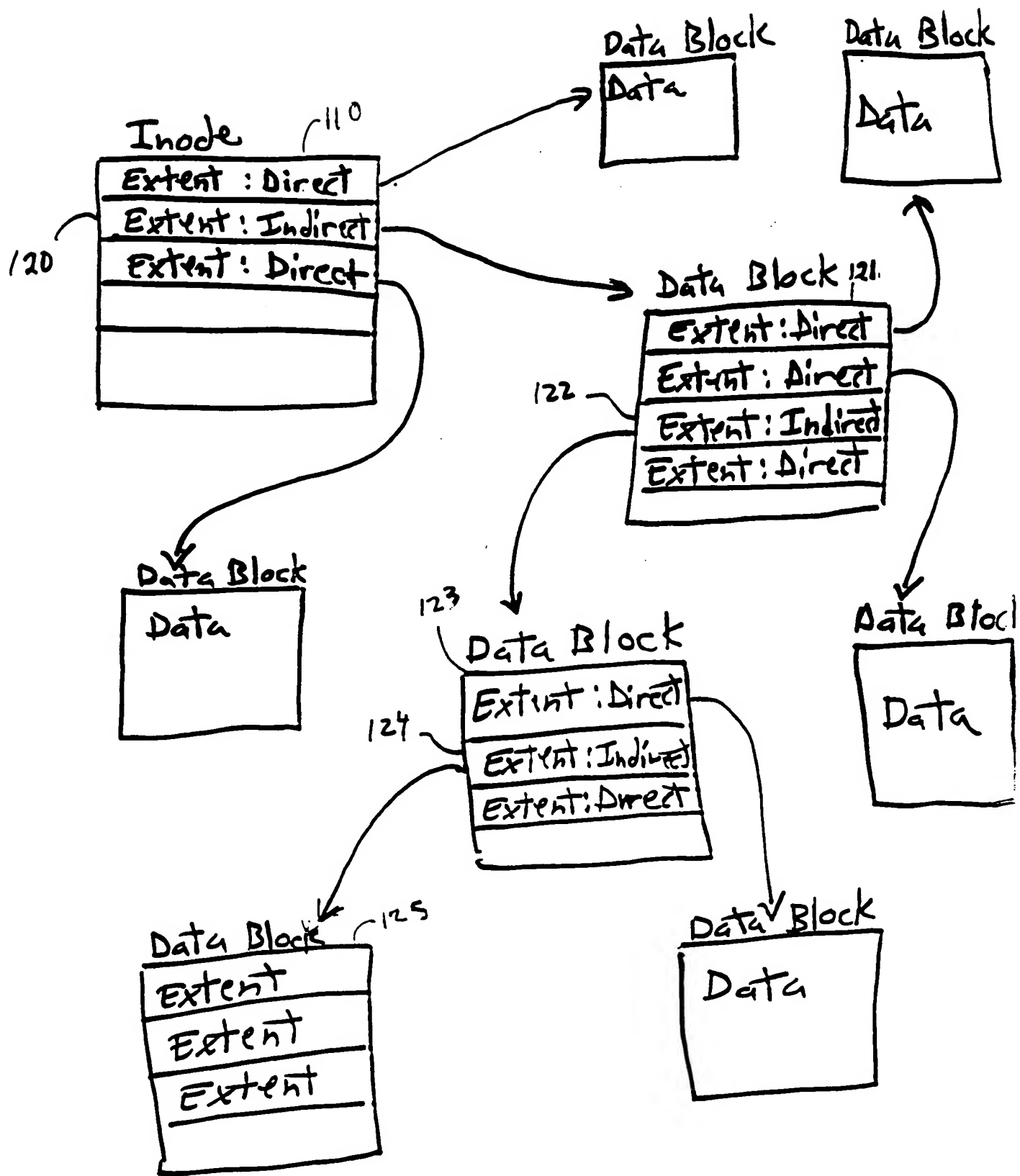


FIG. 7

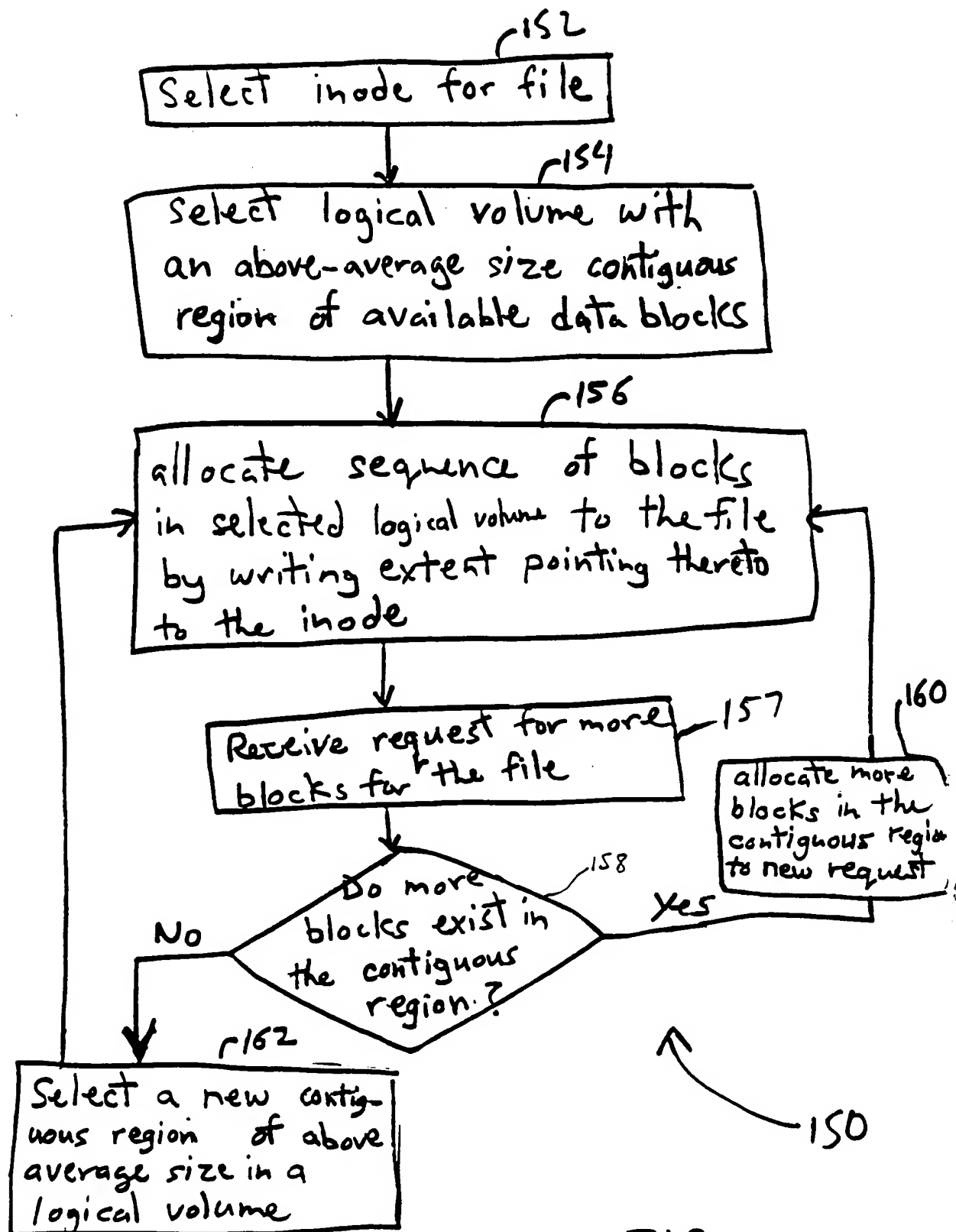


FIG. 10

FIG. 11

